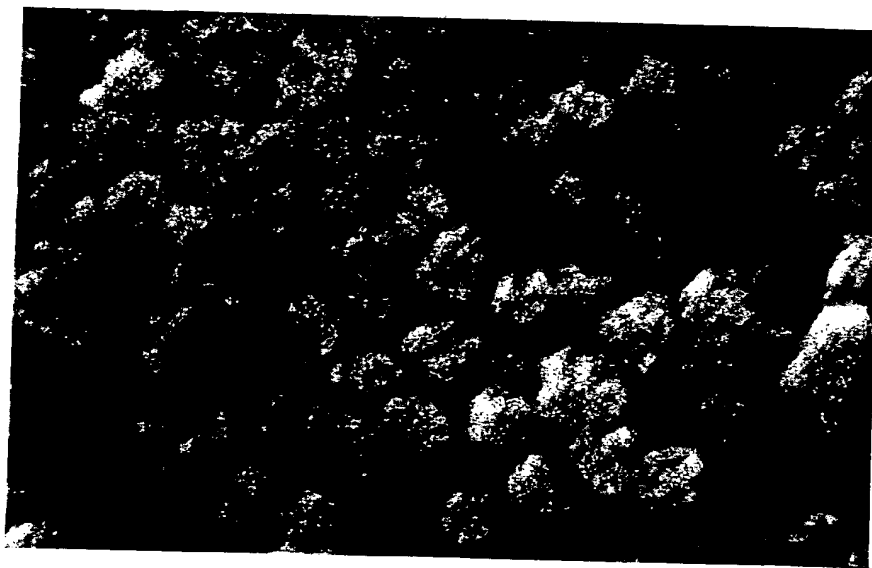


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FIG.1

104,000 *

DUPLICATION U.S. 3216789

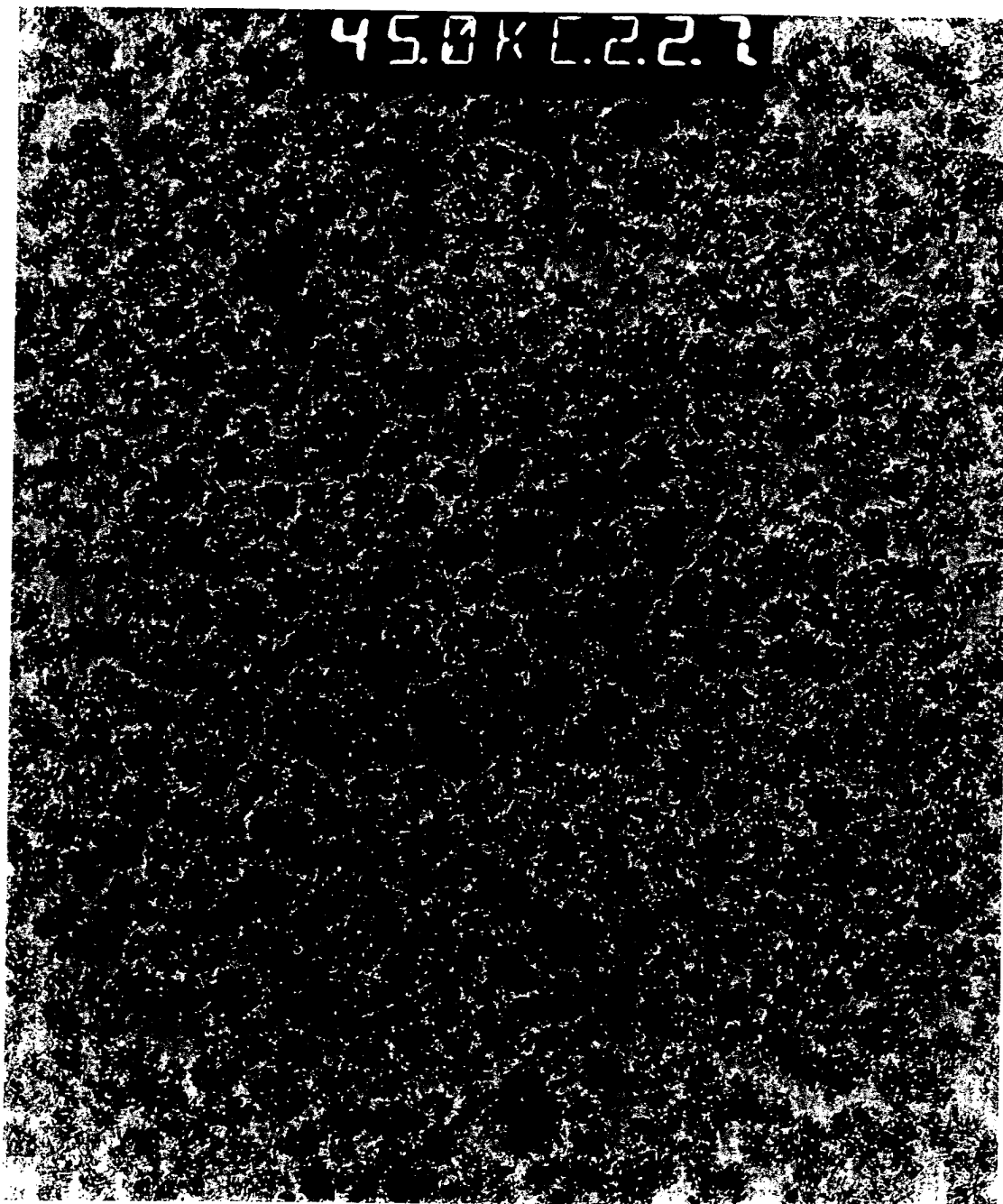


AVERAGE PARTICLE SIZE
~ 125 nm

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FIG.2



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CYLINDRICAL KL SYNTHESIZED IN THE
PRESENCE OF ppm QUANTITIES OF COLLOIDAL
KL AS SEED

FIG.3

X10,000*

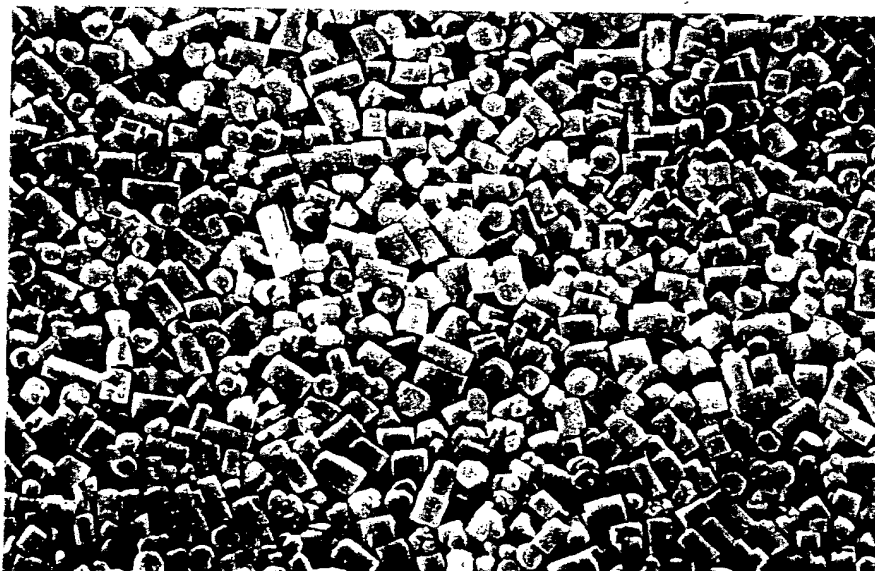


FIG.4

X 40,000*



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HOCKEY PUCK TYPE KL SYNTHESIZED IN THE
PRESENCE OF ppm QUANTITIES OF COLLOIDAL
KL AS SEED

FIG. 5

X 10,000*

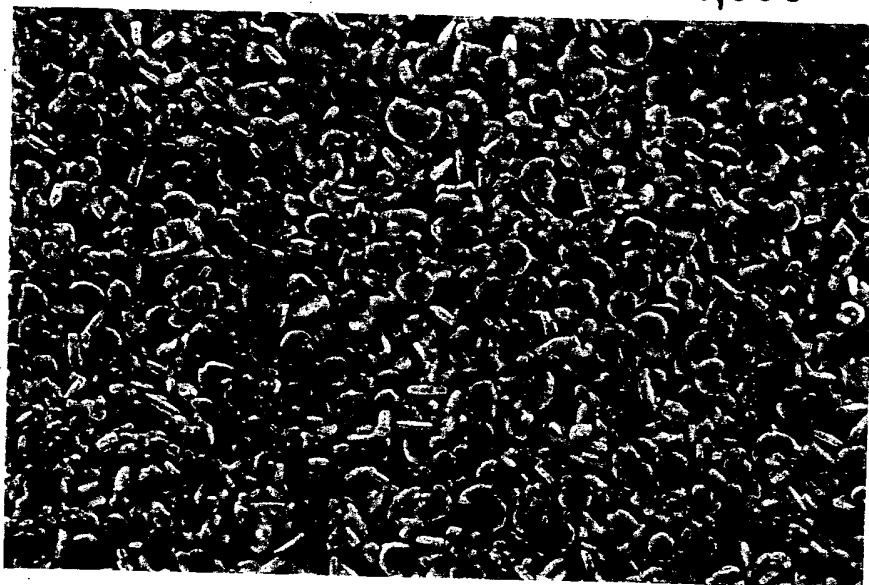


FIG. 6

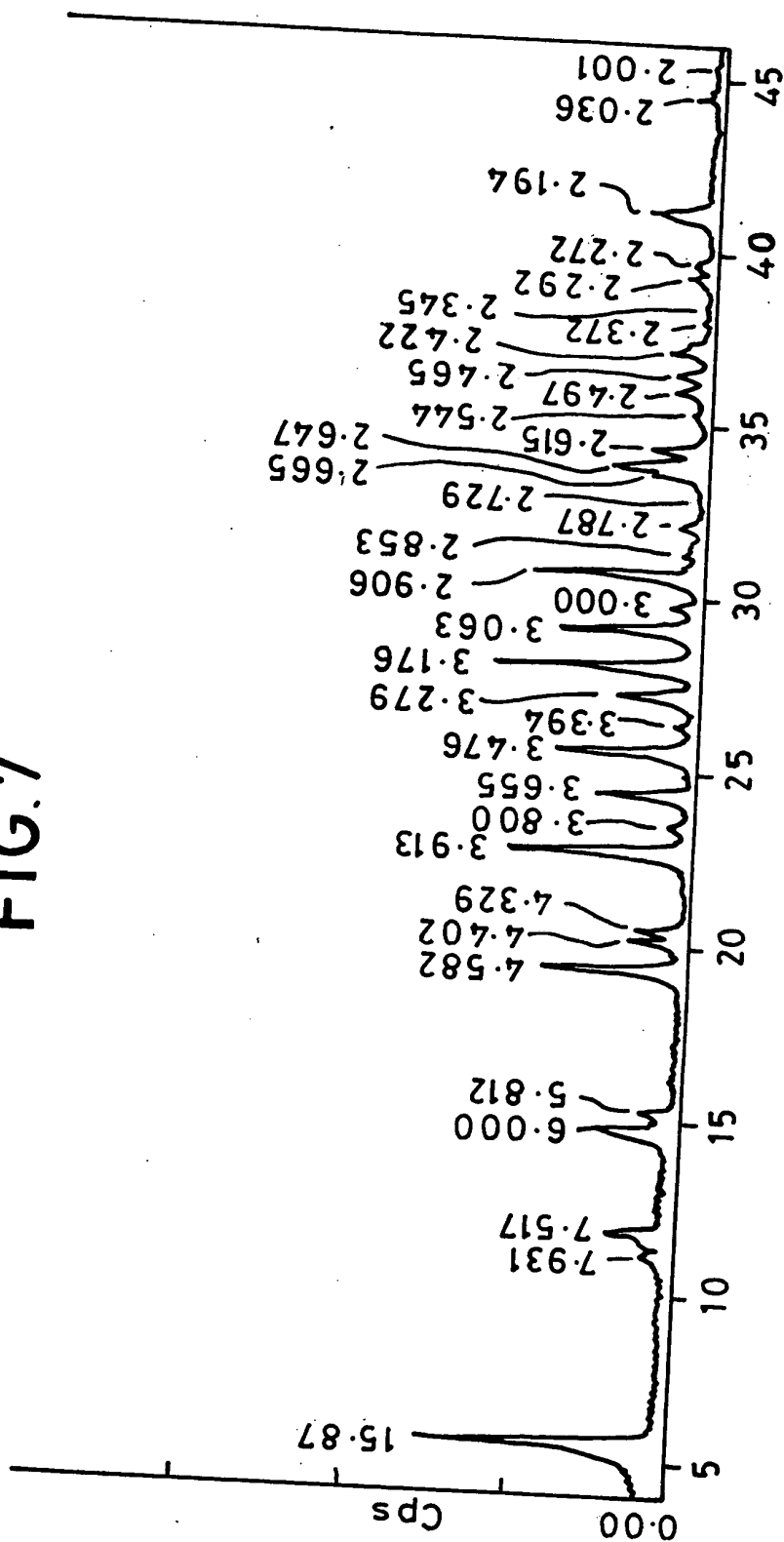
X 40,000*



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FIG. 7



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FIG. 8

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X 10,000*

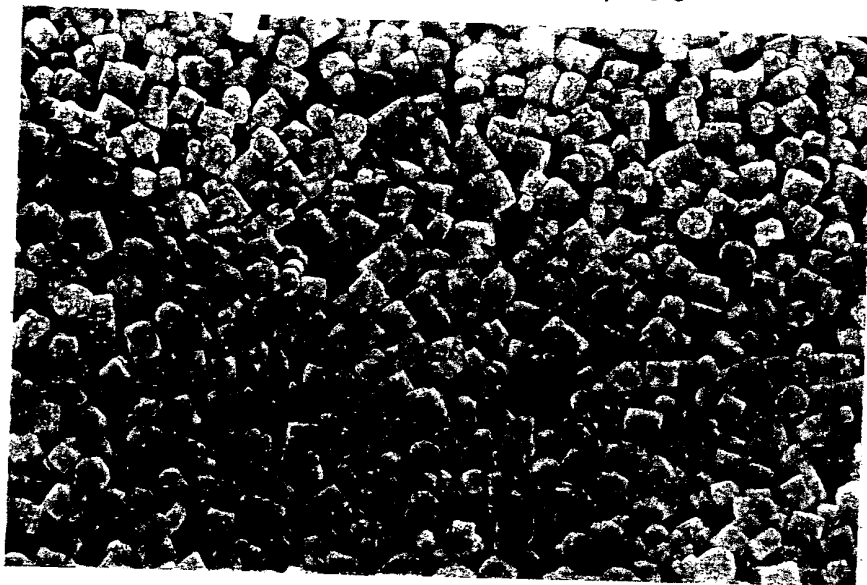


FIG. 9

X 40,000*



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Ga-LTL PRODUCTS OF EXPERIMENTS 1 & 2

FIG. 10

EX.1 Ga-LTL SYNTHESIZED WITH
50 wt ppm Mg^{2+} X 10,000*

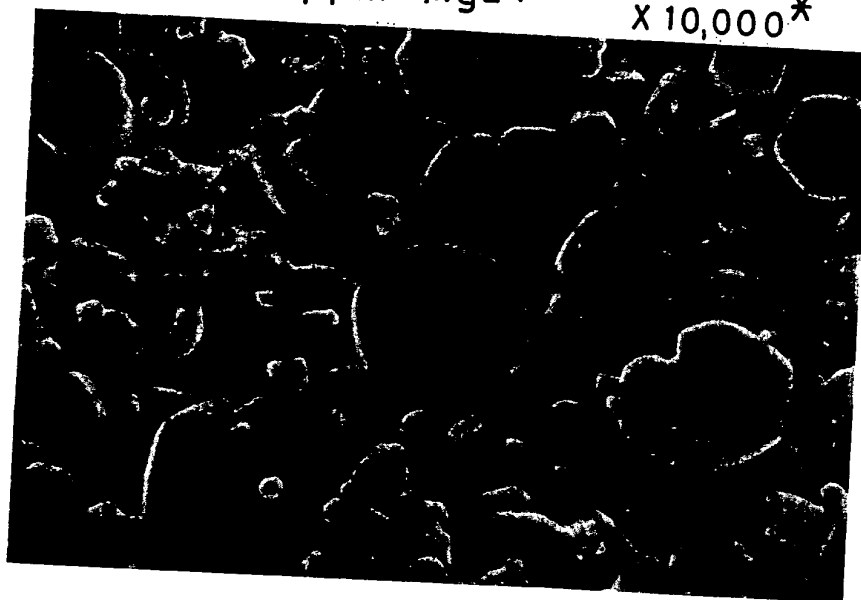
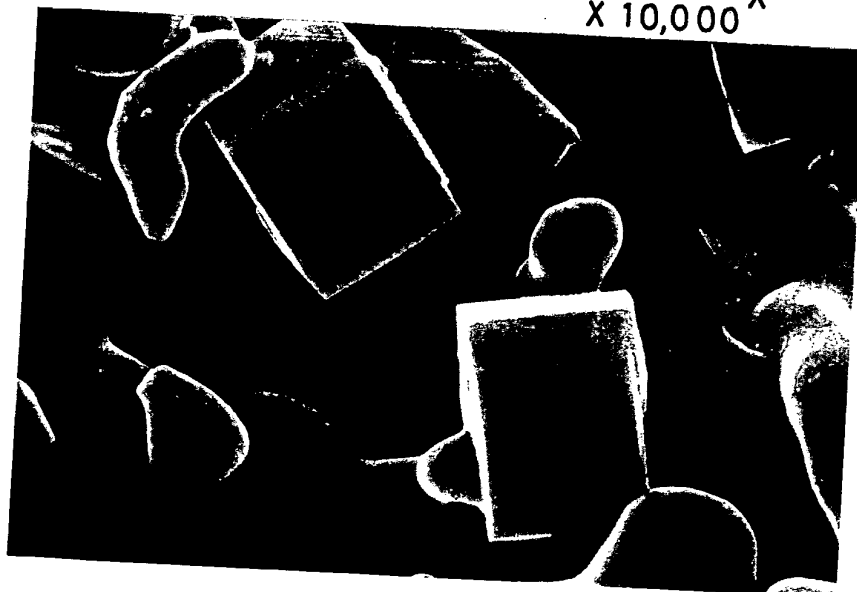


FIG. 11

EX.2 Ga-LTL SYNTHESIZED WITHOUT
 Mg^{2+} OR SEEDS X 10,000*



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Ga-LTL PRODUCTS OF EXPERIMENTS 3 & 4

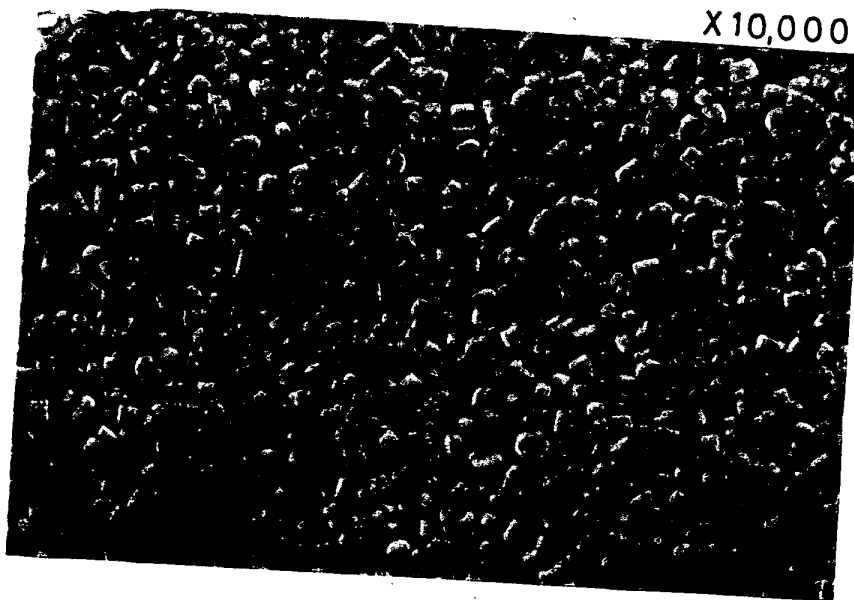
FIG.12

EX.3 Ga-LTL SYNTHESIZED WITH 50 wt ppm
COLLOIDAL LTL SEEDS X10,000*



FIG.13

EX.4 Ga-LTL SYNTHESIZED WITH 250 wt ppm
COLLOIDAL LTL SEEDS X10,000*

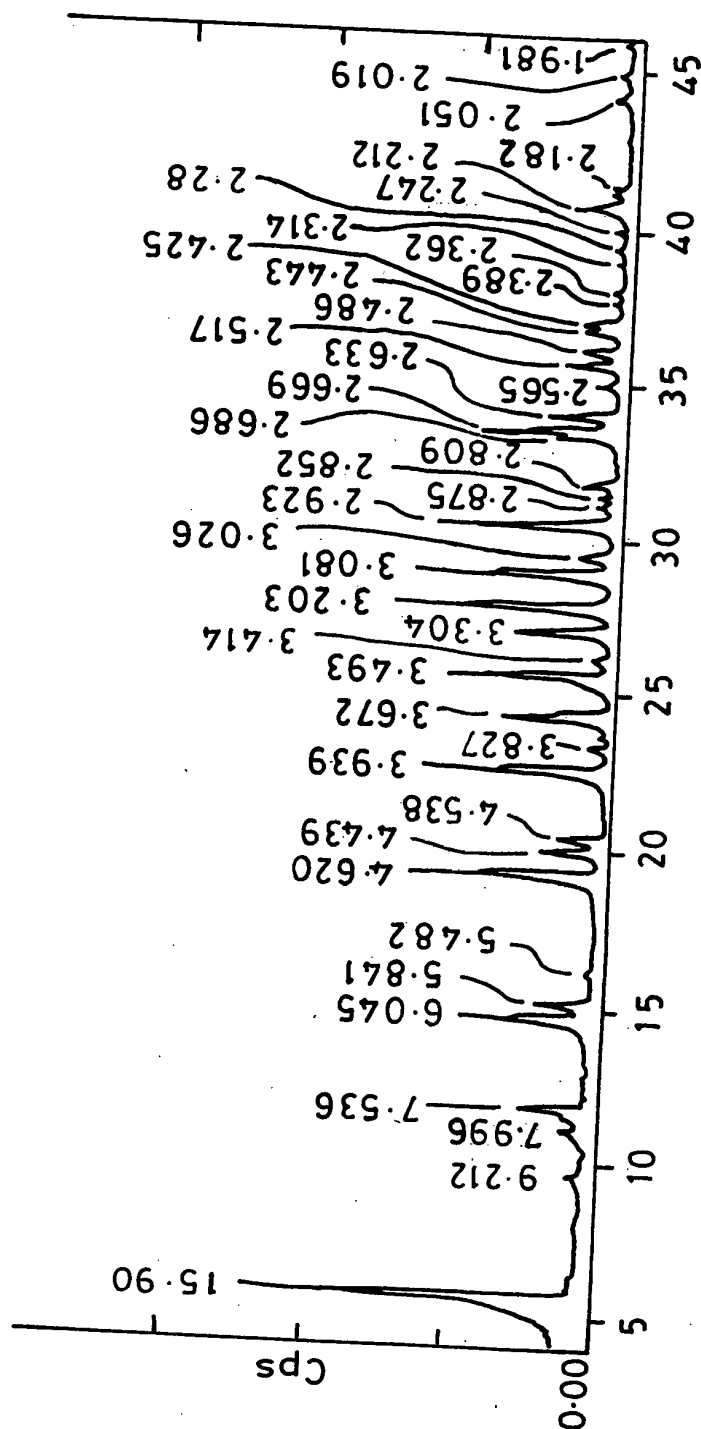


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FIG. 14

Ga-LTL PRODUCTS OBTAINED IN EXPERIMENT 5
150°C SYNTHESIS

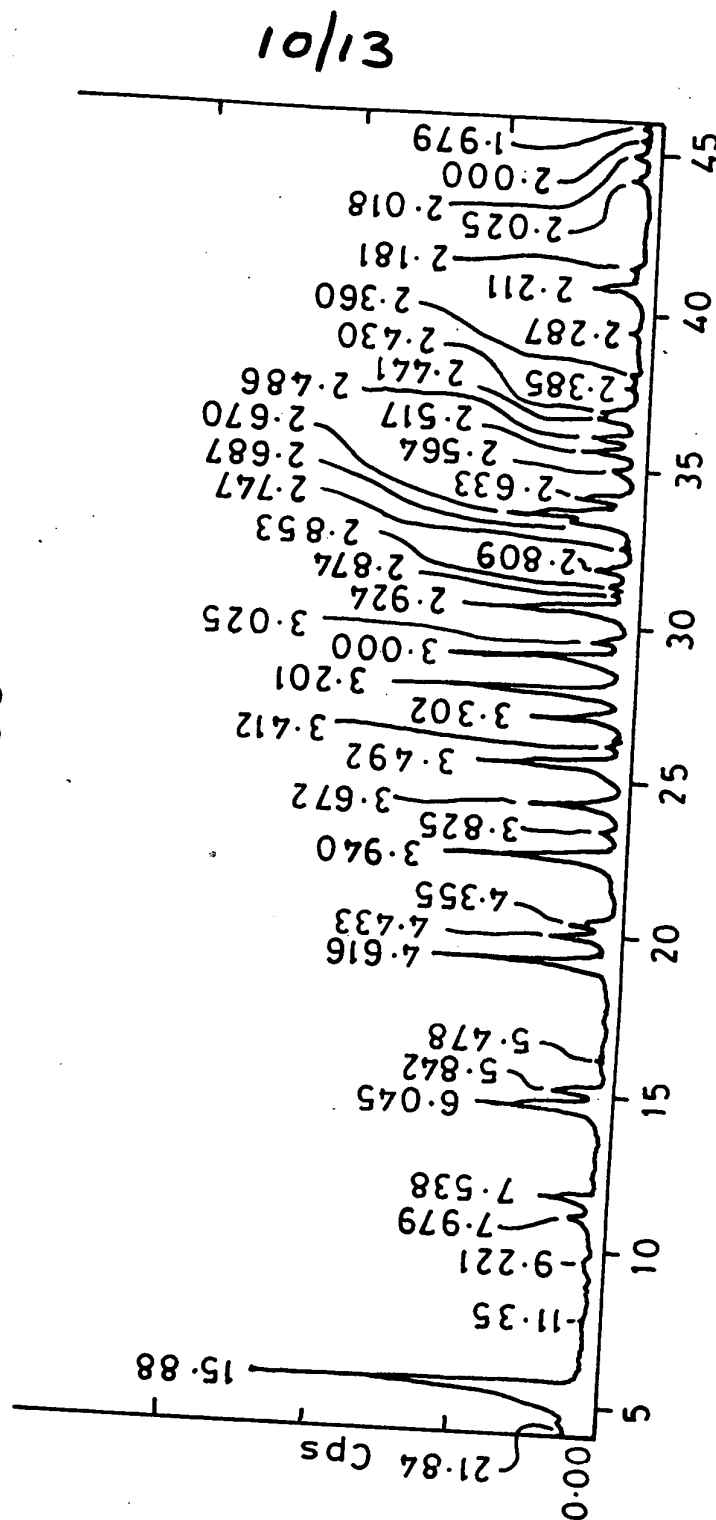


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FIG.15

Ga-LTL PRODUCTS OBTAINED IN EXPERIMENT 5
175°C SYNTHESIS



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Ga-LTL PRODUCTS OF EXPERIMENT 5

FIG.16

150°C SYNTHESIS

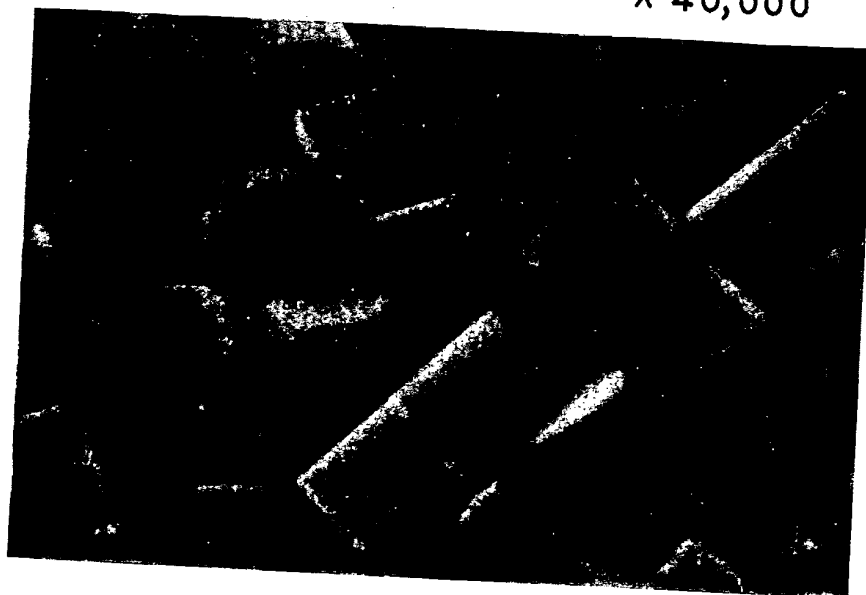
X 40,000*



FIG.17

175°C SYNTHESIS

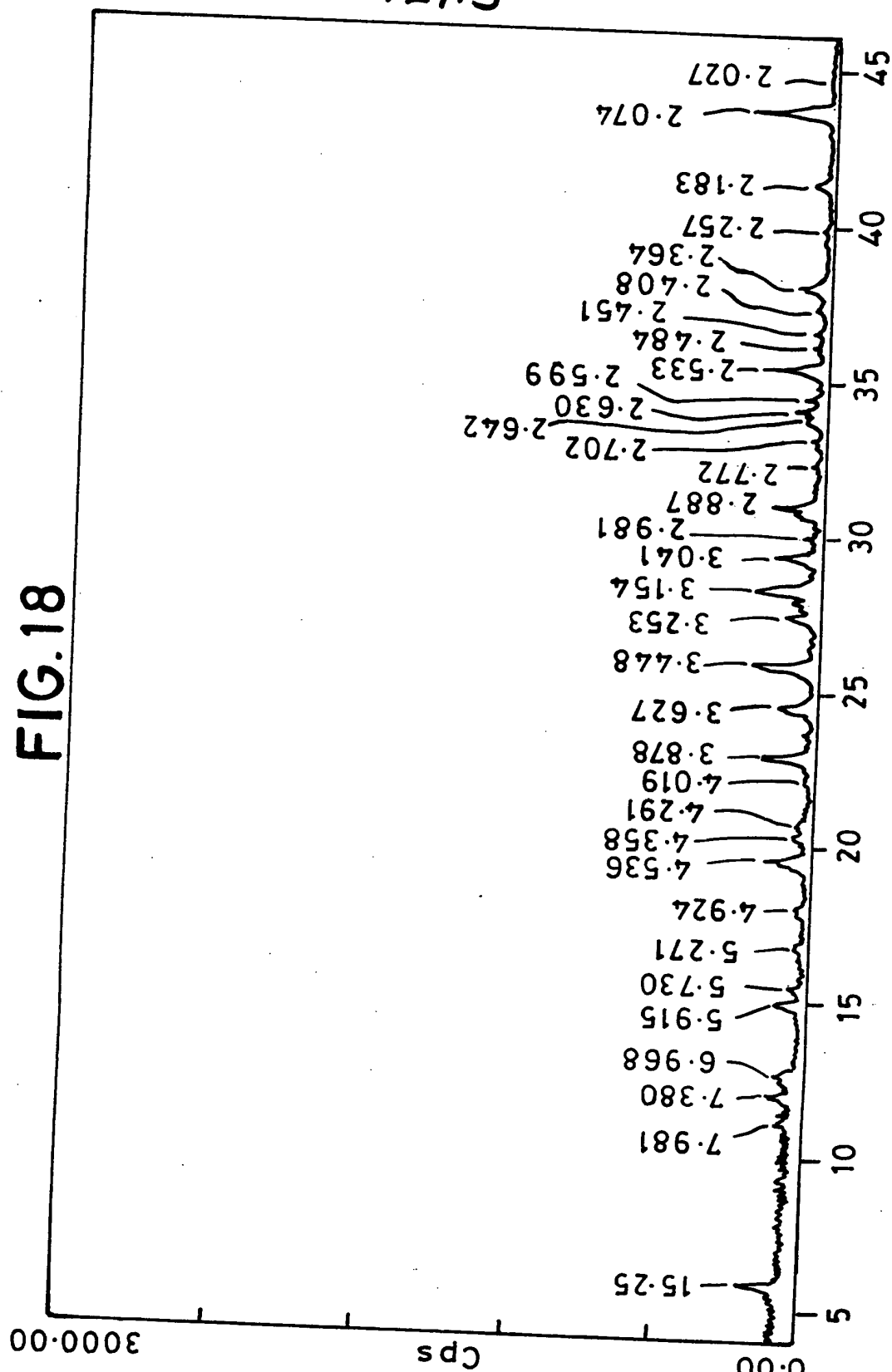
X 40,000*



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FIG.18



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